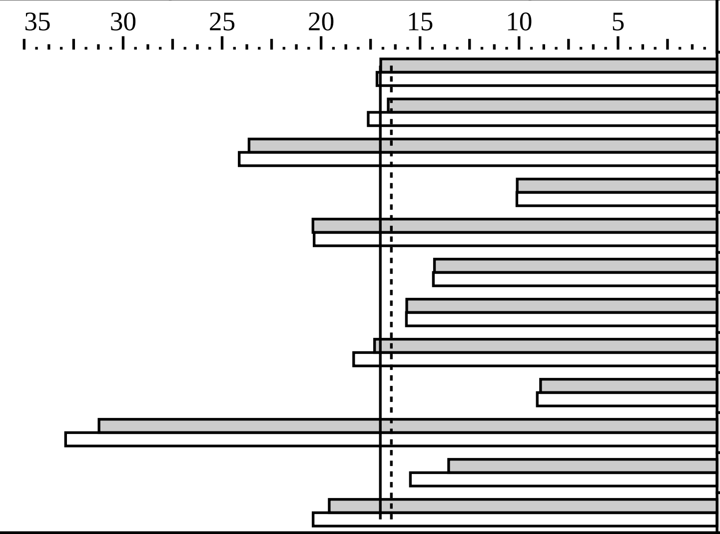
CINT2000 Result

Hewlett-Packard Company
HP 9000 Model N4000

SPECint_rate2000 = 17.0
SPECint_rate_base2000 = 16.5

SPEC license #:	3	Tested by:	HP Richardson, TX	Test date:	Mar-2000	Hardware Avail:	Apr-2000	Software Avail:	Apr-2000



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	382	17.0	4	378	17.2
175.vpr	4	391	16.6	4	369	17.6
176.gcc	4	216	23.6	4	211	24.1
181.mcf	4	828	10.1	4	826	10.1
186.crafty	4	227	20.4	4	228	20.4
197.parser	4	585	14.3	4	583	14.3
252.eon	4	385	15.7	4	384	15.7
253.perlbmk	4	483	17.3	4	455	18.4
254.gap	4	573	8.91	4	562	9.08
255.vortex	4	282	31.2	4	268	32.9
256.bzip2	4	513	13.6	4	449	15.5
300.twolf	4	711	19.6	4	682	20.4

Hardware

CPU:	552 MHz PA-RISC 8600
CPU MHz:	552
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip
CPU(s) orderable:	1-8
Parallel:	--
Primary Cache:	512KBI+1MBD
Secondary Cache:	None
L3 Cache:	None
Other Cache:	None
Memory:	8GB
Disk Subsystem:	1x9GB FC 10,000 rpm
Other Hardware:	--

Software

Operating System:	HP-UX B.11.00
Compiler:	HP92453-01 A.11.01.02 HP C Compiler HP aC++ B3910B X.03.14.05
File System:	HP-UX VxFS
System State:	Multi-user

Notes/Tuning Information

```
Portability flags:
cc: -Ae

Base Flags:
cc: +Oall +Onovectorize -Wl,-a,archive +I/+P
c++: +O2 +Ostaticprediction -Wl,-aarchive +I/+P

Peak flags:
164.gzip: +Oall +Onovectorize +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
175.vpr: +Oall +Onovectorize +Ostaticprediction +Odataprefetch +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
176.gcc: +Oall +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
181.mcf: +Oall +Onovectorize +Ostaticprediction -Wl,-aarchive
186.crafty: +Oall
197.parser: +Oall +Ostaticprediction +Odataprefetch +ESlit +ESfic -Wl,-aarchive
253.perlbmk: +Oall +Onovectorize +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
254.gap: +Oall +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
255.vortex: +Oall +Onovectorize +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
256.bzip2: +Oall +Onovectorize +Ostaticprediction +Odataprefetch +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
300.twolf: +Oall +Onovectorize +Ostaticprediction +Optrs_strongly_typed
Kernel Tunables:
```

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Notes/Tuning Information (Continued)

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vps_pagesize=256, vps_ceiling=256
```